

### INFORMATION ON NONMETALLIC ORE DEPOSITS IN CHINA

Ching-chi Chou-pao Shanghai, 16 Apr 1953

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Chou Yu-kuang

[Comment: The following chart gives the location of deposits, an estimate of the extent of the deposits, and the production of coal, petroleum, sulfur, niter, phosphorous, salt, mica, asbestos, graphite, fluorspar, barites, nitromagnesite, and gypsum in China. The coal deposits in China are estimated at 444.5 billion tons, and the annual production at about 700 million tons. The petroleum deposits in China are estimated at about 700 million tons. The iron sulfide deposits were estimated at about 50 million tons, from which 10 million tons of sulfur may be extracted. The annual production of sulfur is estimated at 5,000 tons. The annual production of niter is estimated at about 6,500 tons; salt, 3 million tons; and asbestos, 3,000 tons.

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Name of Ore

Location of Deposit

Coal

Yang-ch'uan, Lu-an, Ta-t'ung Shansi:

Hopeh:

K'ai-luan (南 漢 ) in T'ang-shan; Feng-feng (幸 孝) in Tz'u-hsien; Ching-hsing in Liang-hsiang

Honan: Chiao-chu, Kuan-yin-t'ang, Lung-men Kung-hsien, I-lo

Shantung: Tzu-po

Suiyuan: Pao-t'ou

Liaotung: Liao-yang, T'ung-hua, Sai-ma, Yen-t'ai,

T'ien-shih-fu, Fu-shun

Liaosi: Fou-hsin, Hei-shan, Chin-hsi

Jehol: Chao-yang, Ch'ih-feng, Hsing-lung, Ch'ing-p'ing, Lung-hua

Kirin: Chiao-ho

Sungkdang: Chi-yen, Hao-kang

Mongolia: Lu-pir.

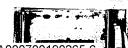
Shensi:

T'ung-kuan, Pai-shui, P'u-ch'eng, Lung-hsien

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Amount of Deposit and Production

A recent estimate indicates that the total coal deposit for the entire country is 444.5 billion tons. Annual production was about 70 million tons. Coal production centers are Fu-shun and K'ai-wan.



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Kansu: Kao-lan

Tsinghai: Ta-t'ung, Hsi-ning

Sinkiang: Urumchi, Turfan

Szechwan: Pei-p'ei, Chien-wei

Sikang: Hui-li

Yunnan: Mi-lo, I-p'ing-lang

Kweichow: T'ung-tzu, Kuei-yang, An-shan, Tu-yun

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Anhwei: Huai-nan

P'ing-haiang Kiangsi:

Hupeh: Ta-yeh, I-ch'ang

Hsiang-hsiang, Lei-yang, I-chang, Shao-yang, Hsin-hua Hunan:

Fukien: Shao-wu, Ch'ung-an, Chien-ou, Lung-yen

Kwangsi: Ch'u-chiang, Ju-yuan, Lo-ch'ang, Shih-hsing,

Ho-shan

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### [Adjoins page 3 here.]

Petroleum

Sulfur

Urumchi, Sui-lai, Wu-su, Chuguchak, Sha-ch'e (苏 ), Aksu, Kucha Sinkiang:

Lao-chun-miao (老 君廟) in Yu-men, Chiu-ch'uan, Min-ho, Ch'ao-shui

Yen-ch'ang, Yen-ch'uan, Pao-ch'eng, Chung-shan (shale) Shensi:

Hopeh: T'ang-shan

Liaotung: Fu-shan

Liaosi: Fou-hsin

Jehol: Ling-yuan

Sungkiang: Hua-nan

Szechwan: Pa-hsien, Chiang-ching, Ch'i-chiang, Feng-ch'i, Sui-ning

Kwangtung: Ying-te, Hsin-i, Lung-men, Yun-fou

Ch'ang-ning, Ch'en-hsien, Hsiang-

hsiang, An-hua

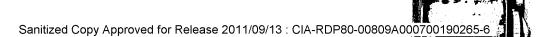
Anhwei: Tang-t'u

Ko-chiu, P'ing-i, Lo-p'ing, Pao-shan Yunnan:

[Adjoins page 5 here.]

 $\boldsymbol{\Lambda}$  recent estimate gives the petroleum deposit for the entire country is about 700 million tons. Sinking, north Shensi, and the Northeast are the areas which have the largest deposits.

Sulfur is mainly extracted from iron sulfide in China. It is estimated that the deposit is about 50 million tons, from which 10 million tons of sulfur may be extracted. The annual production of sulfur is estimated at 5,000 tons.



#### [Adjoins page 4 here.]

Kuang-yuan, Kung-hsien Szechwan:

Kweichow: Yen-ho, Ssu-nan

Honan: Hsin-an, Po-ai

Hopeh: Wei-hsien, Hsuan-hua

Yang-ch'eng, Yang-ch'uan, Hun-yuan, Kuang-ling, Pen-ch'i, Liao-yang Shansi:

Niter (for the manufacture of fertilizer, ni-Honan: Hsia-i, K'ai-feng Shantung: Tung-ch'ang

tric acid, glass, and gunpowder) Kiangsu: Hsu-chou, Tung-hai

Hunan: Tz'u-li, Sang-chih

Szechwan:

Chiung-lai, Lo-shan, Wu-shan, Yun-yang

Sikang: T'ien-ch'uan, Jung-ching

Kansu:

Phosphorous K'un-yang, Ch'eng-kung, Kao-ming, K'un-ming, Ch'eng-chiang, Chin-ning Yunnan: (for the manufacture of fer-

Chin-p'ing-shan (幹 屏 山), Nan-pao-shan (南 肥 山) in Tung-hai tilizer, phos-Kiangsu: phoric acid)

Kwangtung: Hsi-sha Islands

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Annual production is estimated at about 6,500 tons.

Tung-hai is approximately 2 million tons.

It is estimated that the deposit in Yunnan is approximately 20 million tons and that in



#### [Adjoins page 5 here.]

Salt

Hopeh:

Ch'ang-lu

Tzu-liu-ching (Á 流井), Kung-

ching

Kwang-t'ung (廣 通)

Yunnan: Sikang:

Szechwan:

Yen-yuan (鹽 源)

Shansi:

Chieh-ch'ih (解 池

Shensi:

P'u-ch'eng, Fu-p'ing

Kansu:

Kao-t'ai Salt-Lake (高 色)

Ningsia:

Chi-lan-t'ai Salt Lake (吉 廟 泰)

Tsinghai:

Ch'a-ch'ia Salt Lake (茶 卡)

Suiyuan:

Liang-ch'eng Sea (涼 城)

Mongolia:

Wu-chu-mu-ch'in Salt Lake (烏珠楼 沁

Hupeh: Ying-ch'eng

Tibet, Sinkiang, Shantung, Chekiang, Fukien, and Kwangtung also produce salt

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In the past the annual production of salt was about 3 million tons.

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Mica

Sikang:

Tan-pa, Lu-ting, Yuch-chien

Suiyuan:

Ku-yang

Hopeh:

P'ing-shan

Honan:

Chen-p'ing

Kiangsu:

Shu-yang

Asbestos (use in insulation)

Sikang:

Fu-lin, Yueh-sui, Hui-li

In the past the annual production of asbestos was 3,000 tons

Kweichow: Shui-ch'eng

Szechwan: P'eng-hsien

Hopeh:

Lai-yuan, P'ing-shan

Honan:

Nei-hsiang

Shantung: P'ing-tu

Suiyuan: Kuei-sui

Liaosi:

Chin-chou, Chin-hsi

Liaotung:

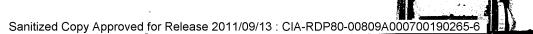
Hai-ch'eng, K'uan-tien

Anhwei:

T'ung-ch'eng, Hsi-hsien

Shansi and Shensi also produce asbestos

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Graphite

Hunan:

Lei-yang, Kuei-yang, An-jen

Kiangsi:

Hsi-hsien

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Kiangsu: Chen-chiang, Chu-jung

Chekiang: Chu-chi

Honan:

Shang-ch'eng, Ch'in-yang

Shantung: Lai-yang

Suiyuan:

Hsing-ho

Shensi:

Mei-hsien

Szechwan: Kuang-yuan

Fukien:

Hua-an, Shao-wu, An-ch'i

Tibet, Sikang, and Shensi also have deposits

Fluorspar

Chekiang:

(over 20 hsions) Chin-hua, Wu-i, I-wu,

Hsiang-shan, Chu-chi

Hunan:

Yueh-yang

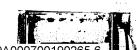
Shantung: Yeh-hsien

Liaotung: Hai-ch'eng

Kweichow: An-shun

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It is estimated that Chekiang has a deposit of fluorspar of approximately 4 million tons, or 80 percent of the nation's total. The annual production is estimated at 5,000 to 10,000 tons.



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Barites (for use in rubber Shantung:

Kao-mi, Chiao-hsien, Chi-mo, Lai-yang,

Po-shan

industry and paper manufac-

turing

Hopeh: Ch'ang-p'ing

Liaotung:

Fu-hsien, K'uan-tien, Chi-an

Kiangsi:

Lin-ch'uan Heng-yang

Hunan:

Liaotung:

Nitromagnesite (for insulating purposes)

Kwangsi:

Gypsum (for cement, fer-tilizer)

Shansi:

T'ai-yuan, P'ing-lu, Ling-shih

Honan: Hsia-hsien

Ying-ch'eng, Ching-shan Hupeh:

Hunan: Hsiang-t'an

Shih-ch'ien, Kuei-p'ing, Chiang-k'ou Kansu, Tsinghai, Ningsia, and Sinkiang have deposits Annual production of nitromagnesite at Tashih-ch'iso was estimated at 70,000 tons.

China has a wast deposit of gypsum. It is estimate that Shansi has a deposit of approximately 120 billion tons. The annual production of gypsum is approximately 60,000

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